

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number
WO 2005/092029 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2005/009348

(22) International Filing Date: 22 March 2005 (22.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/554,988 22 March 2004 (22.03.2004) US

(71) Applicant (for all designated States except US): **VIRGINIA TECH INTELLECTUAL PROPERTIES, INC** [US/US]; 1872 Prat Drive, Suite 1625, Blacksburg, VA 24060 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PERROTT, Rachael** [US/US]; 5719 Bent Tree Lane, #203, Centreville, VA20121 (US). **MILLER, Dini, M.** [US/US]; 410 2nd Street, Radford, VA 24141 (US). **MULLINS, Donald, E.** [US/US]; 915 Allendale Court, Blacksburg, VA 24060 (US).

(74) Agents: **WHITHAM, Michael, E.** et al.; Whithman, Curtis & Christofferson, P.C., 11491 Sunset Hills Road, Suite 340, Reston, VA 20190 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

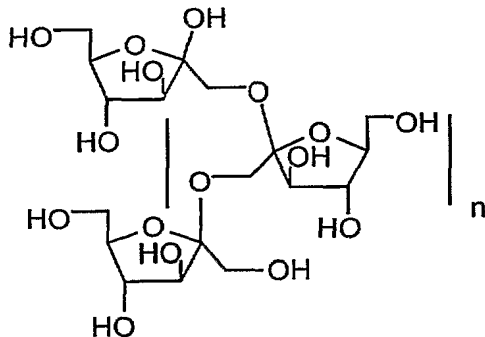
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INULINS, LEVANS, FRUCTANS AND OTHER SMALLER-THAN-CELLULOSE TERMITE FEEDING ATTRACTANTS, AND TERMITE



(57) Abstract: Termite behavior can be manipulated by providing food sources more attractive to them than their otherwise available food resources. Inulins, levans, fructans, and other 13-linked carbohydrates that are smaller than cellulose serve as termite feeding attractants/stimulants, especially for subterranean termites.



WO 2005/092029 A2